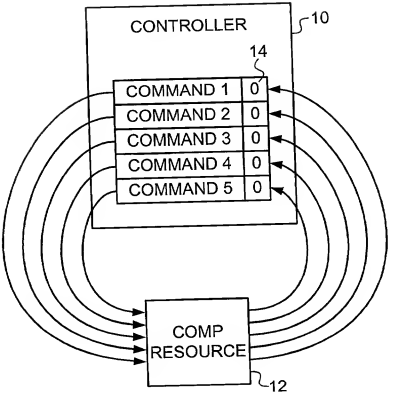

FIGURE 1A

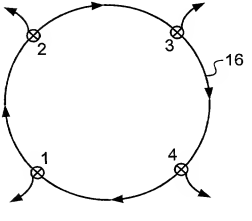

FIGURE 1B

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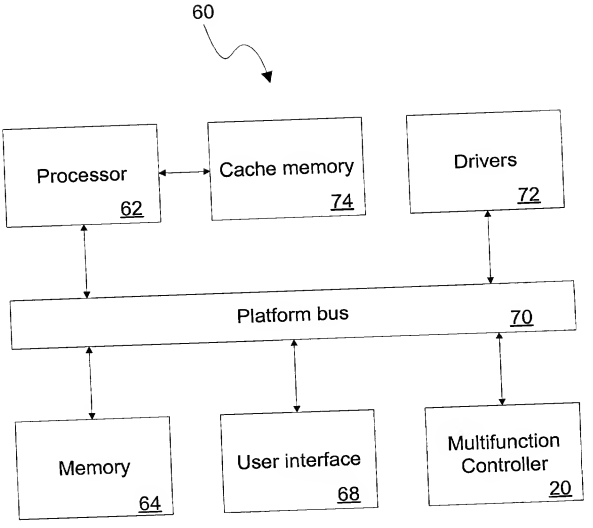
60
Processor
62
Cache memory
74
Drivers
72
Platform bus
70
Memory
64
User interface
68
Multifunction
Controller
20

FIGURE 2

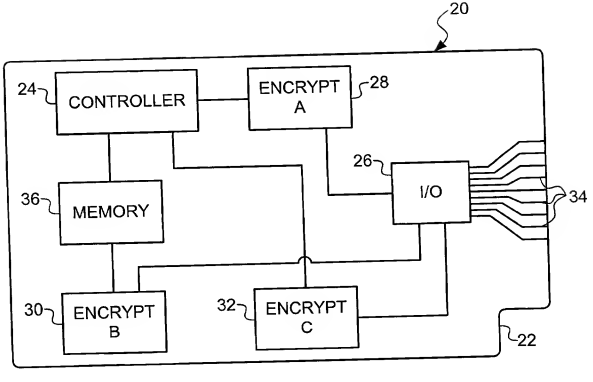

FIGURE 3

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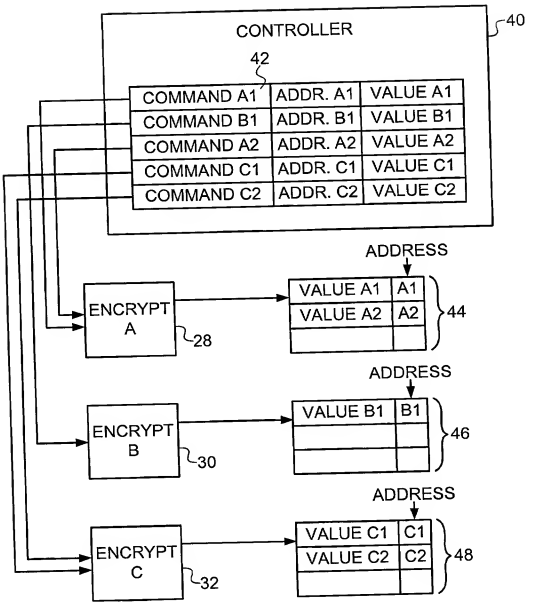
CONTROLLER
40
42
COMMAND A1
ADDR. A1
VALUE A1
COMMAND B1
ADDR. B1
VALUE B1
COMMAND A2
ADDR. A2
VALUE A2
COMMAND C1
ADDR. C1
VALUE C1
COMMAND C2
ADDR. C2
VALUE C2
ADDRESS
ENCRYPT A
28
VALUE A1
A1
VALUE A2
A2
44
ADDRESS
ENCRYPT B
30
VALUE B1
B1
46
ADDRESS
ENCRYPT C
32
VALUE C1
C1
VALUE C2
C2
48

FIGURE 4

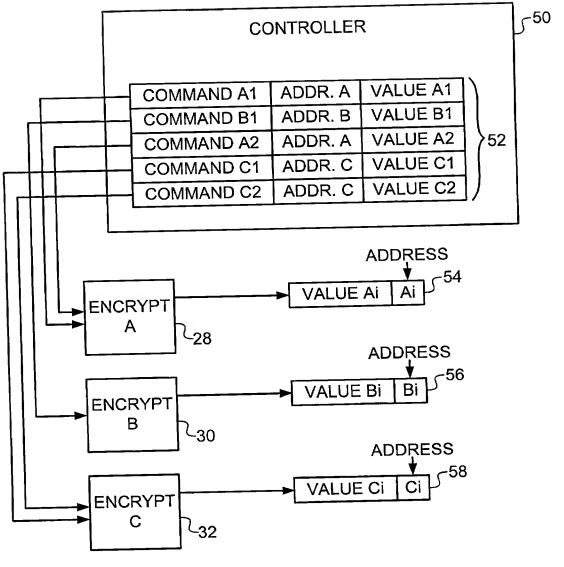
CONTROLLER
50
COMMAND A1
ADDR. A
VALUE A1
COMMAND B1
ADDR. B
VALUE B1
COMMAND A2
ADDR. A
VALUE A2
COMMAND C1
ADDR. C
VALUE C1
COMMAND C2
ADDR. C
VALUE C2
52
ENCRYPT A
28
ENCRYPT B
30
ENCRYPT C
32
ADDRESS
VALUE Ai
Ai
54
ADDRESS
VALUE Bi
Bi
56
ADDRESS
VALUE Ci
Ci
58

FIGURE 5